

Converting Colors

$Yxy(55.6954, 0.3593, 0.3464)$

Have a look what the booklet for
Yxy(55.6954, 0.3593, 0.3464)
contains.

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Color

Yxy(55.6416, 0.3599, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	E5BCAD
RGB	229, 188, 173
RGB Percent	90%, 74%, 68%
CMY	0.1019, 0.2627, 0.3215
CMYK	0.00, 0.18, 0.24, 0.10
HSL	16°, 52%, 79%
HSV	16°, 24%, 90%
XYZ	57.8435, 55.6416, 47.2359
YIQ	198.5490, 29.2510, 4.0270

Conversions

Conversions Part 2

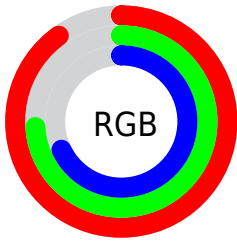
Format	Color
R _Y B	229, 193, 173
Decimal	15056045
CIE Lab	79.41, 12.47, 13.10
CIE LCh	79, 18.083, 46.405
Yxy	55.6416, 0.3599, 0.3462
Android (android.graphics.Color)	4293246125 (0xFFE5BCAD)
YUV	198.5490, -12.5957, 26.7055
Hunter-Lab	74.5933, 7.8798, 14.6702

Details

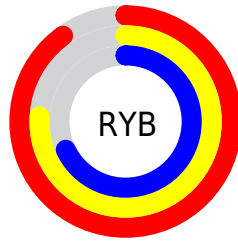
The Yxy color **55.6416, 0.3599, 0.3462** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.6544, 0.2753, 0.3111**, and the grayscale version is **56.8911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5628, 0.3298, 0.3447**, and **27.5927, 0.3724, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **48.0767, 0.3858, 0.3537**, and if you desaturate by 10%, it is **64.1966, 0.3381, 0.3389**.

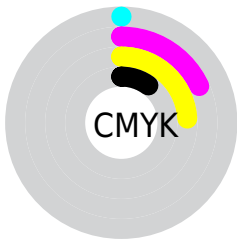
Distribution



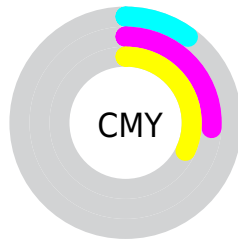
- Red (90%)
- Green (74%)
- Blue (68%)



- Red (90%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6416, 0.3599, 0.3462 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 55.6416, 0.3599, 0.3462 by changing the saturation by 10% instead.


 55.6416, 0.3599,
0.3462

 55.6416, 0.3599,
0.3462

408.3394, 0.3368,
0.3383

 39.9156, 0.3655,
0.3480

 98.4804, 0.3516,
0.3435

 27.4728, 0.3726,
0.3501


126.3620, 0.3485,
0.3424

 17.9286, 0.3819,
0.3528


159.0642, 0.3458,
0.3415

 10.8987, 0.3945,
0.3563

196.9716, 0.3435,
0.3407

 5.9988, 0.4126,
0.3607

240.4684, 0.3415,
0.3400

 2.8443, 0.4405,
0.3662

289.9390, 0.3398,

 1.0510, 0.5209,

0.3393

0.3966

345.7679, 0.3382,
0.3388

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6416, 0.3599,
0.3462

55.6416, 0.3599,
0.3462

48.0767, 0.3858,
0.3537

64.1966, 0.3381,
0.3389

41.4581, 0.4160,
0.3609

73.7683, 0.3198,
0.3319

35.7499, 0.4505,
0.3671

84.3919, 0.3046,
0.3255

30.9110, 0.4882,
0.3713

95.4001, 0.2970,
0.3290

■ 26.8968, 0.5270,
0.3725

■ 23.6585, 0.5633,
0.3695

■ 21.1412, 0.5929,
0.3621

■ 20.0260, 0.6061,
0.3570

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.6416, 0.3509, 0.3261



55.6416, 0.3599, 0.3462



55.6416, 0.3557, 0.3628

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.6416, 0.3599, 0.3462



55.6416, 0.2935, 0.3521



55.6416, 0.2853, 0.2893

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.6416, 0.3599, 0.3462



62.6544, 0.2753, 0.3111

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.6416, 0.2711, 0.2943



55.6416, 0.3599, 0.3462



55.6416, 0.2758, 0.3302

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.6416, 0.3599, 0.3462



55.6416, 0.3169, 0.3674



55.6416, 0.2677, 0.3090



55.6416, 0.3071, 0.2941

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.6416, 0.3599, 0.3462



55.6416, 0.3461, 0.3695



55.6416, 0.2677, 0.3090



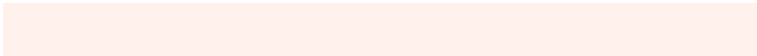
55.6416, 0.2795, 0.2898

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.6442, 0.3599, 0.3462



90.8430, 0.3243, 0.3337



51.4142, 0.3277, 0.2836



19.2818, 0.3253, 0.3341



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.6442, 0.3599, 0.3462



66.2938, 0.3716, 0.3497



68.7629, 0.3527, 0.3766



14.9920, 0.3286, 0.3354



11.6180, 0.6034, 0.3591



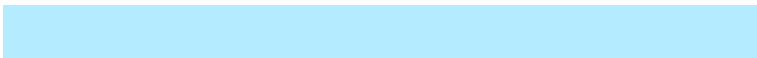
1.0084, 0.5747, 0.3819

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.6544, 0.2753, 0.3111



76.5907, 0.2683, 0.3072



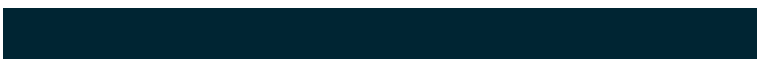
49.6981, 0.2723, 0.2764



15.6498, 0.2981, 0.3226



19.3993, 0.2000, 0.2400



1.5844, 0.2040, 0.2545

Previews

White Background



This preview shows how the Yxy color 55.6416, 0.3599, 0.3462 looks on a white background.

Color Contrast Check

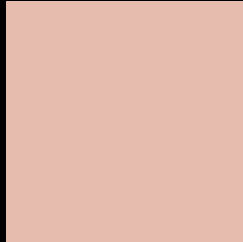
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 55.6416, 0.3599, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

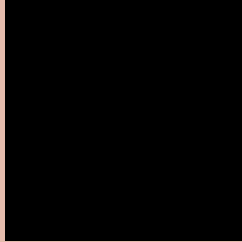
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6416, 0.3599, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 55.6416, 0.3599, 0.3462.



This preview shows how white text looks on a background with the Yxy color 55.6416, 0.3599, 0.3462.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.6416, 0.3599, 0.3462

Protanopia

55.6333, 0.3344, 0.3520

Deuteranopia

55.8516, 0.3559, 0.3487



Tritanopia

55.5603, 0.3415, 0.3124

Trichromacy



Original Color

55.6416, 0.3599, 0.3462

Protanomaly

55.5707, 0.3434, 0.3492

Deuteranomaly

55.5811, 0.3570, 0.3475

Tritanomaly

55.4046, 0.3480, 0.3235

Monochromacy



Original Color

55.6416, 0.3599, 0.3462

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4496, 0.3287, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6416, 0.3599, 0.3462 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(229, 188, 173)` looks like.

```
.text, #text, p{  
    color:rgb(229, 188, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(229, 188, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 188, 173) }
```

Border

The CSS property to change the border of an element to Yxy 55.6416, 0.3599, 0.3462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 188, 173) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(229, 188, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(229, 188, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 188, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 188, 173);  
box-shadow:4px 4px 4px 4px rgb(229, 188,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6416, 0.3599, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 188, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(229,  
188, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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